

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
 Data File : PL096672.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 15:57
 Operator : AR\AJ
 Sample : PB169065BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169065BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 02:50:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.534	2.828	58872024	91264881	18.509	19.102
28)	SA Decachlor...	9.014	7.991	51212950	91150141	21.476	21.010
Target Compounds							
2)	A alpha-BHC	3.982	3.333	229.0E6	350.3E6	49.490	49.495
3)	MA gamma-BHC...	4.310	3.665	215.3E6	323.6E6	48.669	48.999
4)	MA Heptachlor	4.902	4.014	203.8E6	313.3E6	49.038	47.022
5)	MB Aldrin	5.242	4.296	205.0E6	302.8E6	47.661	48.791
6)	B beta-BHC	4.497	3.961	88038350	135.4E6	48.776	48.007
7)	B delta-BHC	4.741	4.194	200.6E6	316.2E6	50.265m	48.846
8)	B Heptachlo...	5.661	4.799	181.5E6	275.9E6	47.072	48.314
9)	A Endosulfan I	6.042	5.169	172.3E6	258.1E6	47.912	46.653
10)	B gamma-Chl...	5.915	5.050	186.3E6	284.5E6	48.960	48.378
11)	B alpha-Chl...	5.995	5.114	185.4E6	278.0E6	48.102	47.124
12)	B 4,4'-DDE	6.165	5.303	157.6E6	265.1E6	49.091	48.077
13)	MA Dieldrin	6.315	5.434	182.4E6	283.6E6	49.144	48.009
14)	MA Endrin	6.542	5.708	143.5E6	236.3E6	47.411	43.711
15)	B Endosulfa...	6.754	6.000	157.9E6	247.0E6	49.301	48.083
16)	A 4,4'-DDD	6.674	5.855	135.4E6	237.6E6	53.547	50.497
17)	MA 4,4'-DDT	6.989	6.108	128.4E6	208.8E6	44.775	41.270
18)	B Endrin al...	6.883	6.178	119.2E6	201.5E6	55.559	54.555
19)	B Endosulfa...	7.117	6.401	142.3E6	249.2E6	49.529	48.987
20)	A Methoxychlor	7.461	6.680	65833267	115.3E6	44.835	42.076
21)	B Endrin ke...	7.595	6.906	159.4E6	279.7E6	53.022	50.222
22)	Mirex	8.075	7.096	122.8E6	203.1E6	49.510	46.568

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
Data File : PL096672.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:57
Operator : AR\AJ
Sample : PB169065BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

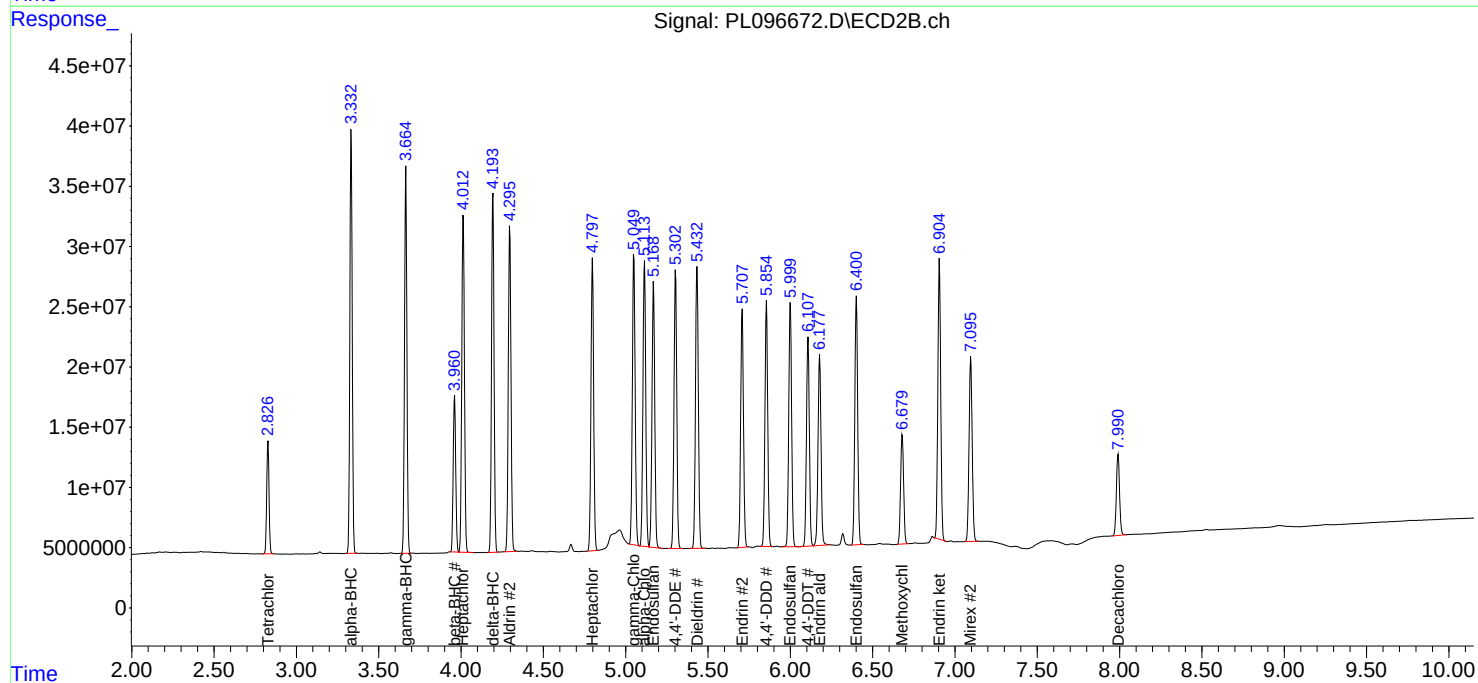
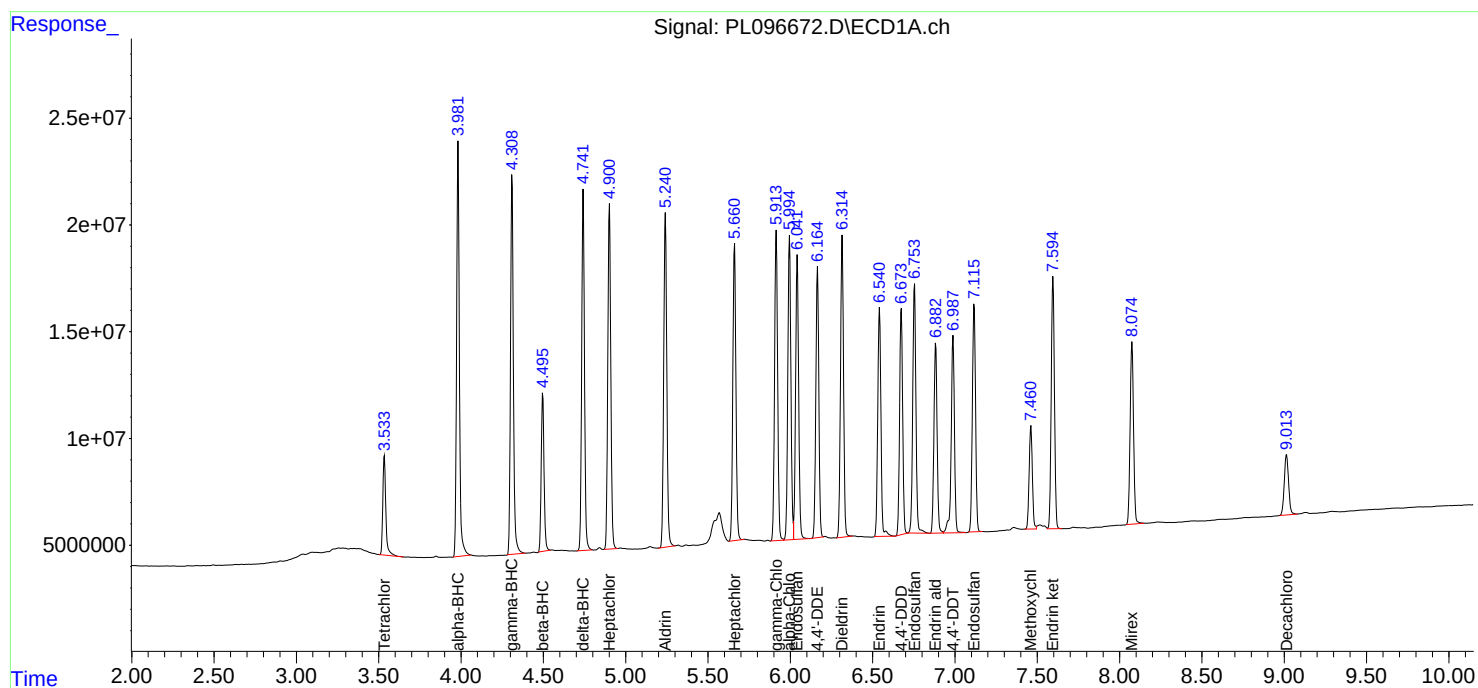
Instrument :
ECD_L
ClientSampleId :
PB169065BS

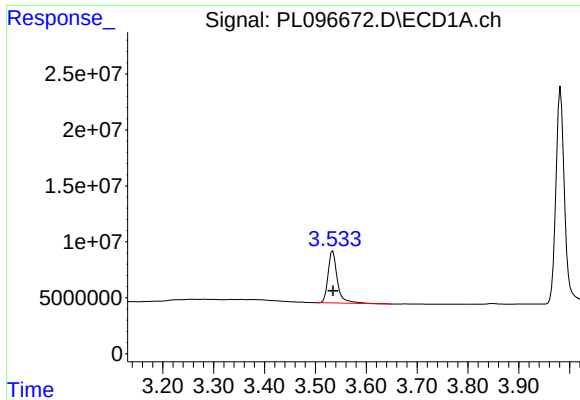
Manual Integrations
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Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 02:50:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





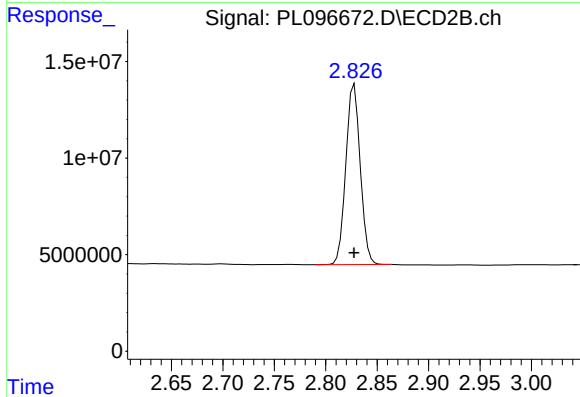
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 58872024
Conc: 18.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

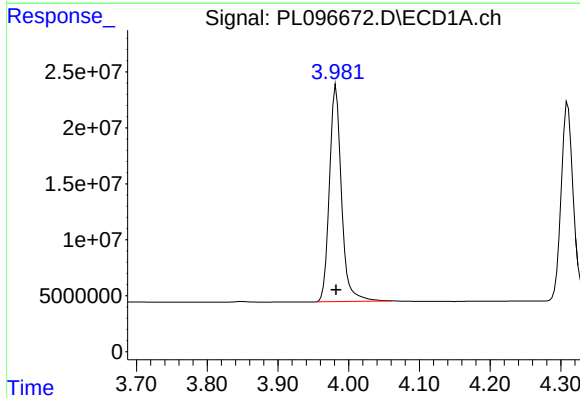
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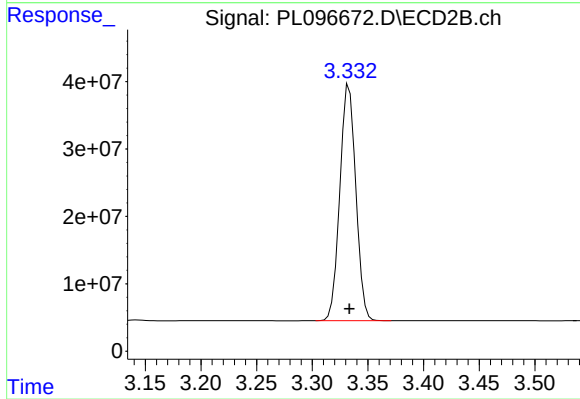
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 91264881
Conc: 19.10 ng/ml



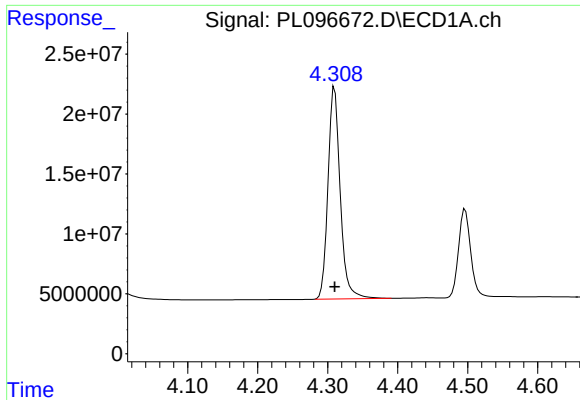
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 228959479
Conc: 49.49 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 350280291
Conc: 49.50 ng/ml



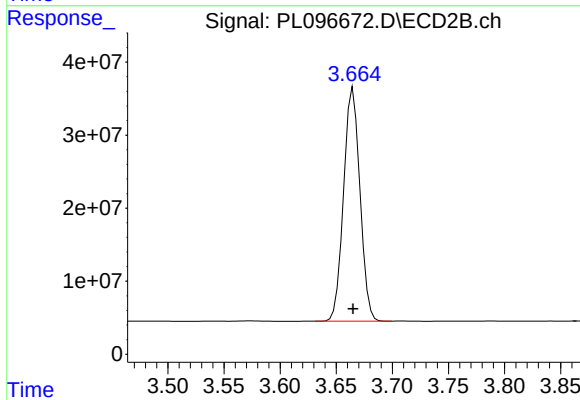
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 215284596
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

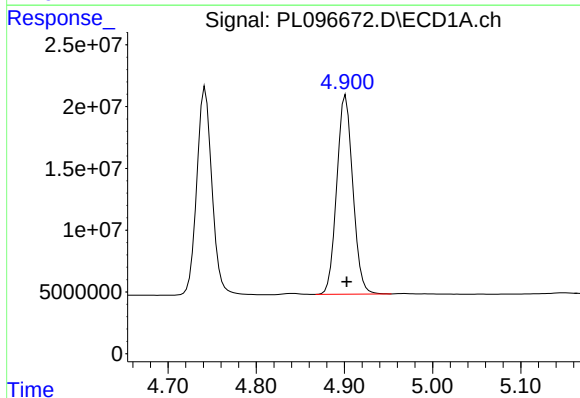
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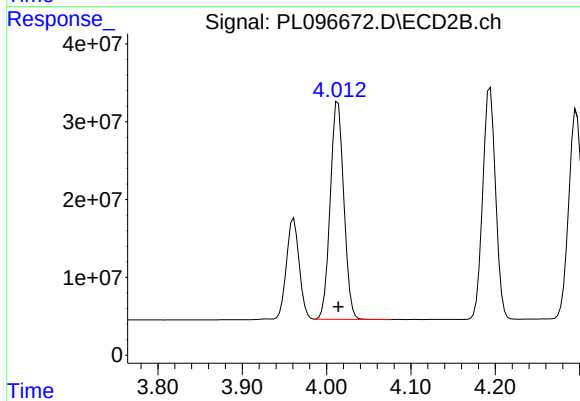
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 323556666
Conc: 49.00 ng/ml



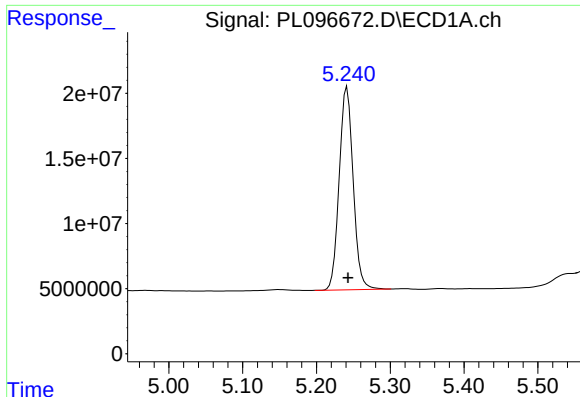
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 203787463
Conc: 49.04 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 313258392
Conc: 47.02 ng/ml



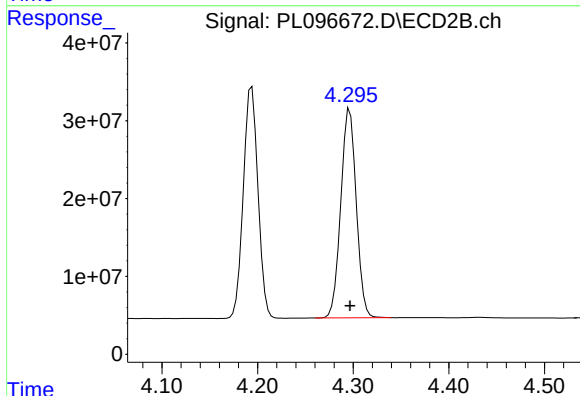
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 204989542
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

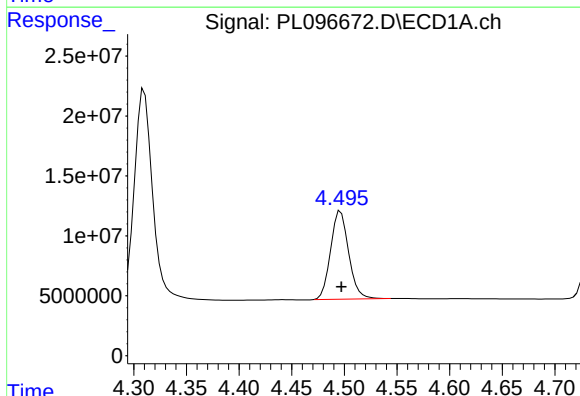
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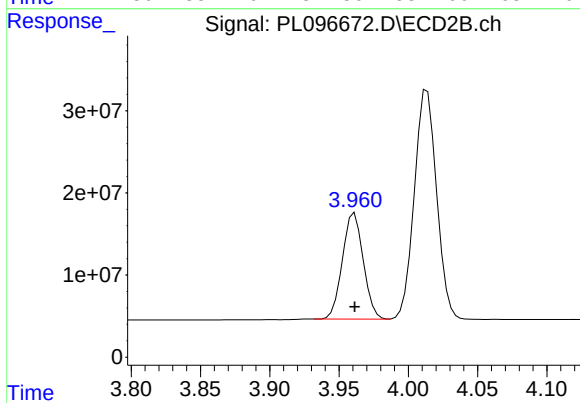
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 302847902
Conc: 48.79 ng/ml



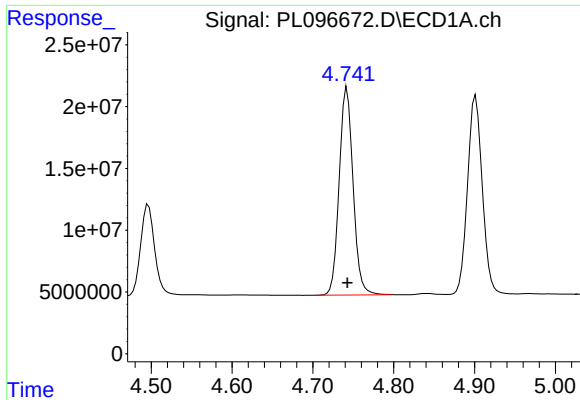
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 88038350
Conc: 48.78 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 135423314
Conc: 48.01 ng/ml



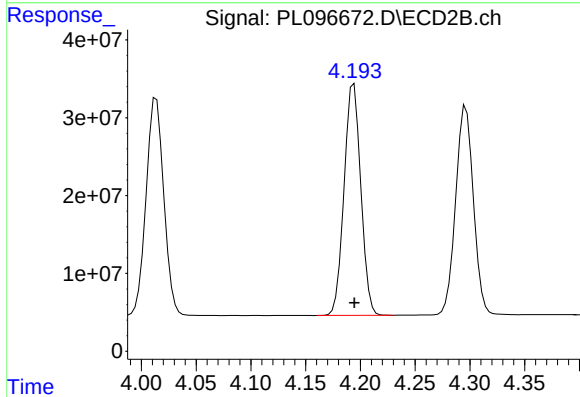
#7 delta-BHC

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 200551276
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

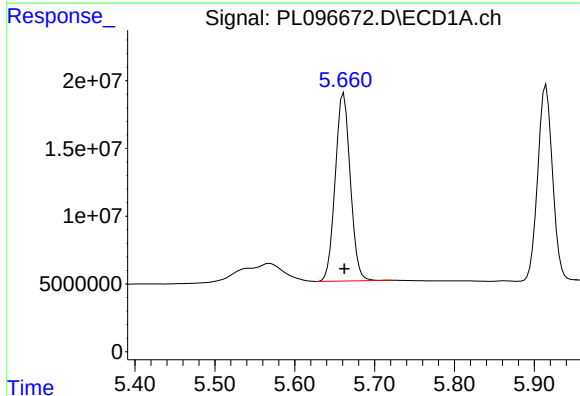
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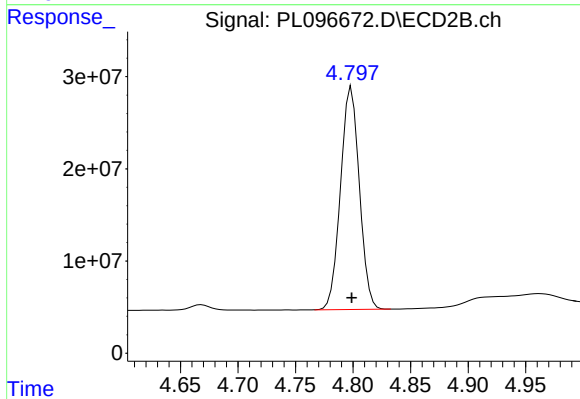
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 316208582
Conc: 48.85 ng/ml



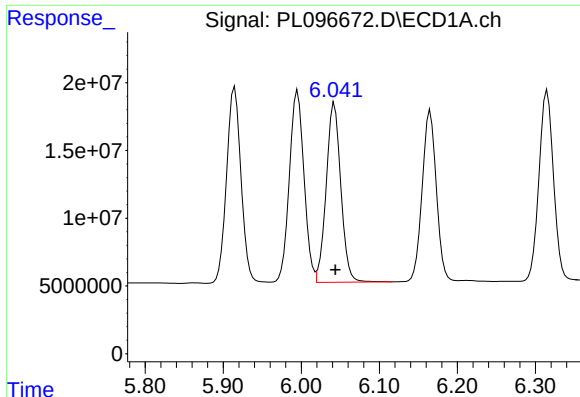
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 181535826
Conc: 47.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 275938529
Conc: 48.31 ng/ml



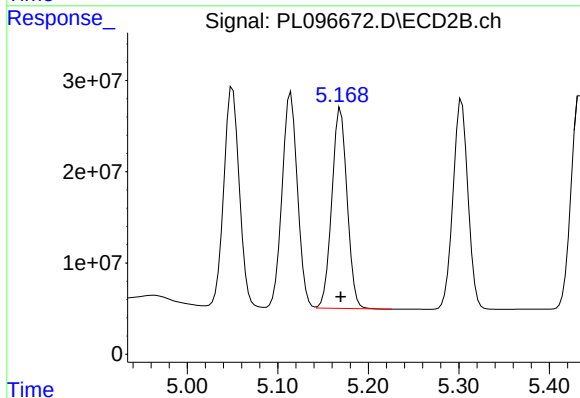
#9 Endosulfan I

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 172310697
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

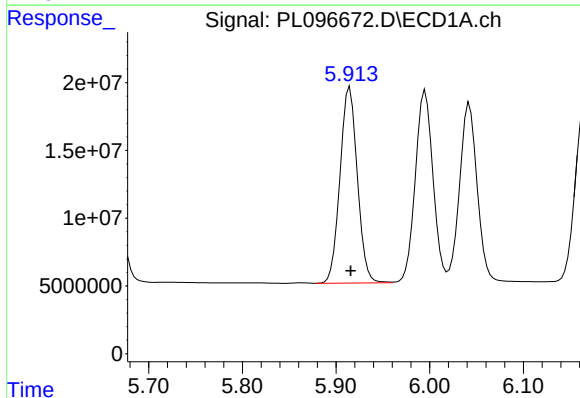
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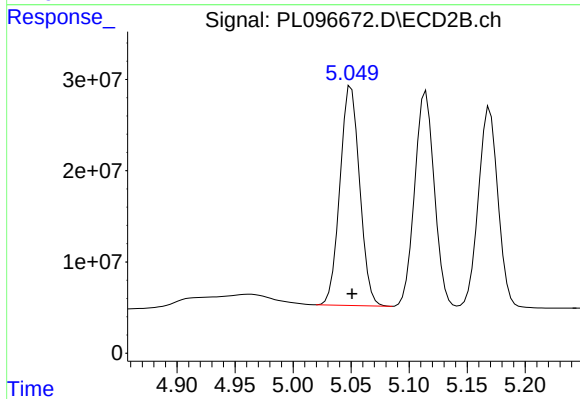
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 258059559
Conc: 46.65 ng/ml



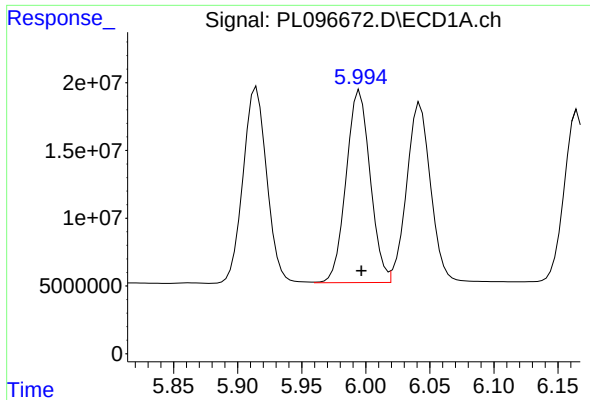
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.001 min
Response: 186305325
Conc: 48.96 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 284469879
Conc: 48.38 ng/ml



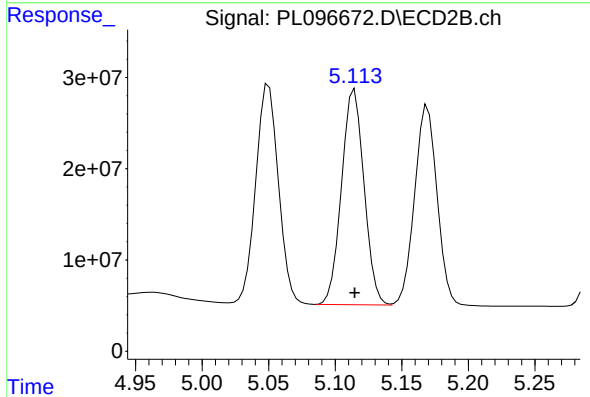
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 185416215
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

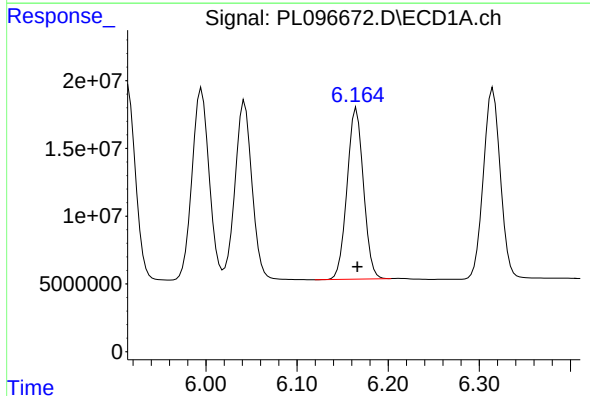
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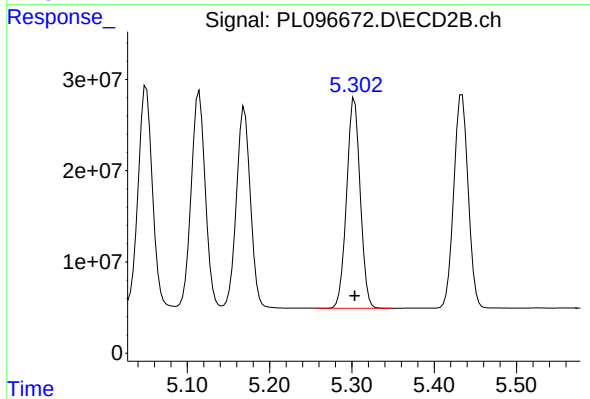
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 277980015
Conc: 47.12 ng/ml



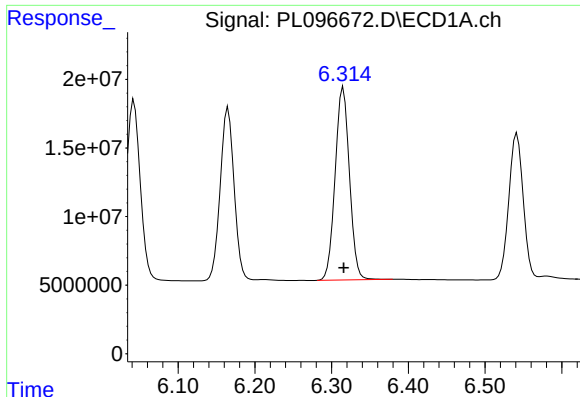
#12 4,4'-DDE

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 157642538
Conc: 49.09 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 265117237
Conc: 48.08 ng/ml



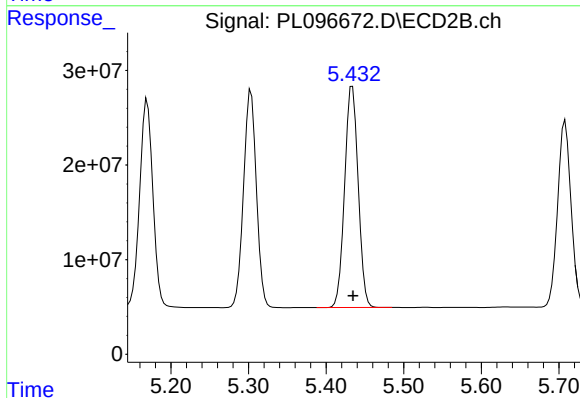
#13 Dieldrin

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 182379681
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

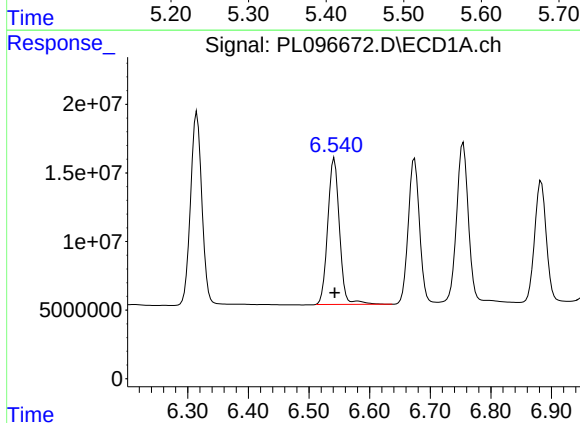
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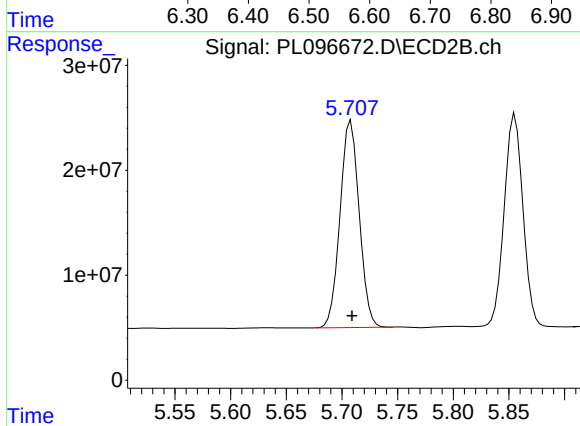
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 283570312
Conc: 48.01 ng/ml



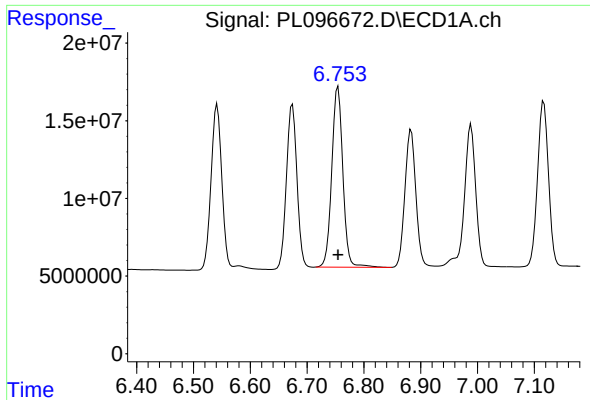
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 143502657
Conc: 47.41 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 236297788
Conc: 43.71 ng/ml



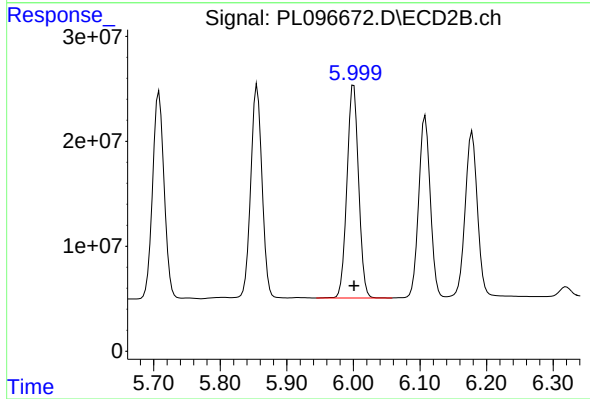
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 157892153
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

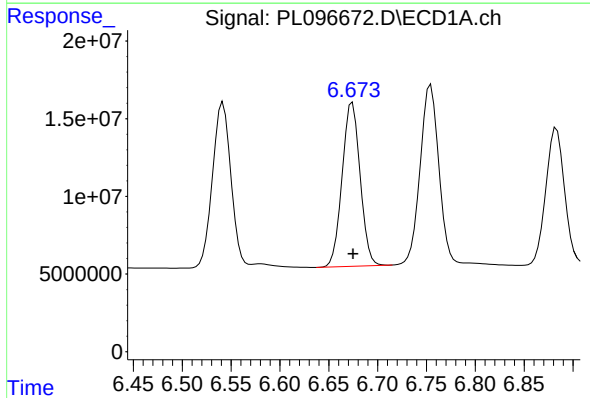
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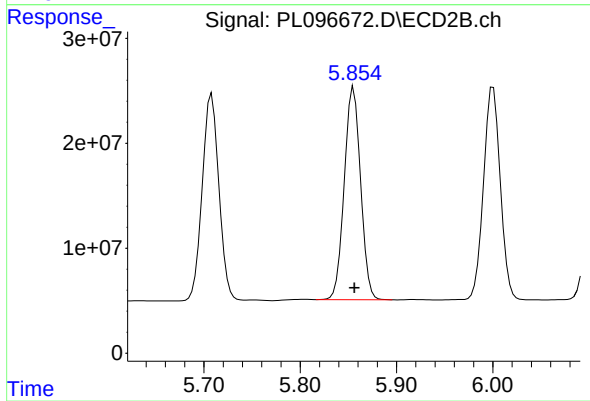
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 246963526
Conc: 48.08 ng/ml



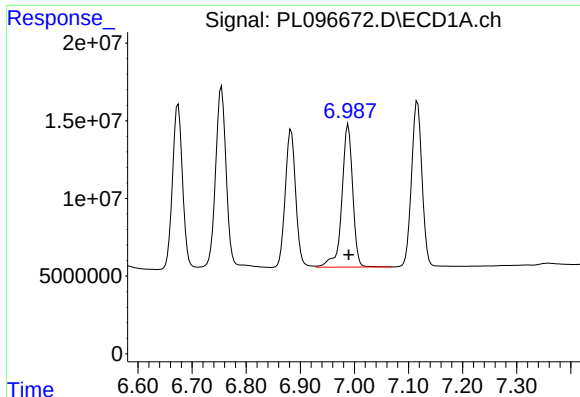
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 135386058
Conc: 53.55 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 237602353
Conc: 50.50 ng/ml



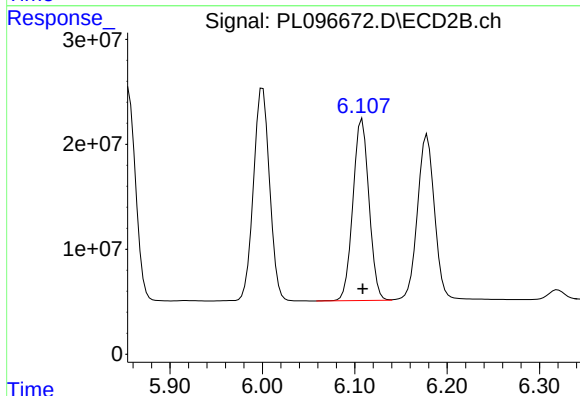
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 128400734
Conc: 44.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

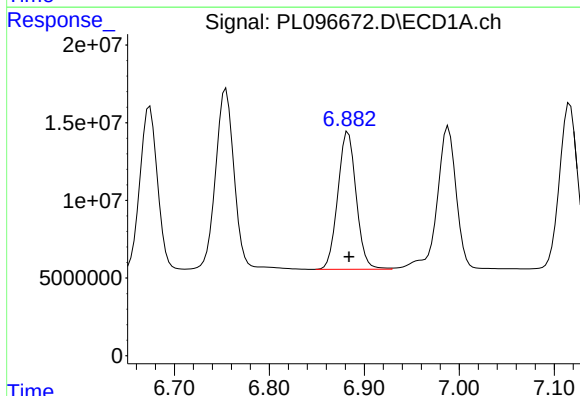
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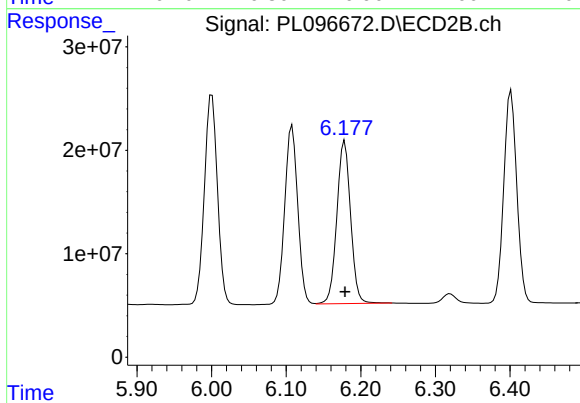
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 208755066
Conc: 41.27 ng/ml



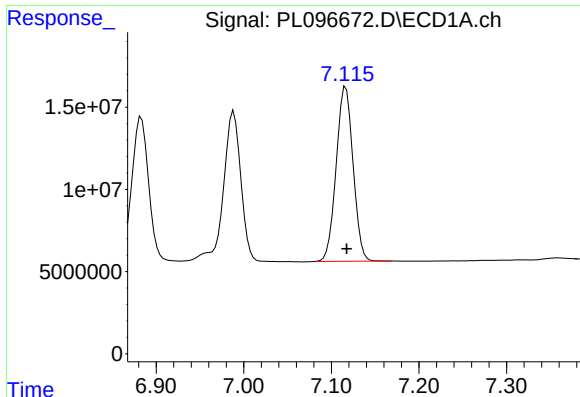
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 119225768
Conc: 55.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 201481053
Conc: 54.56 ng/ml



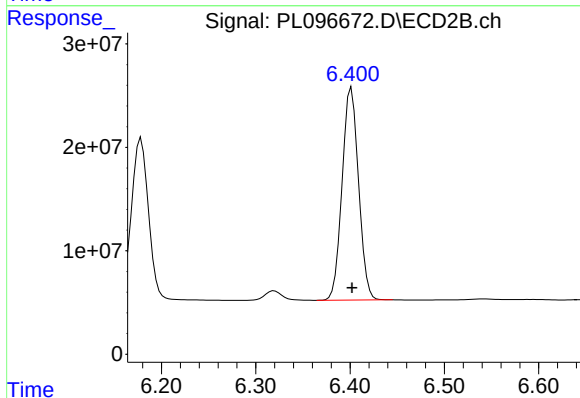
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: -0.001 min
Response: 142331257
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

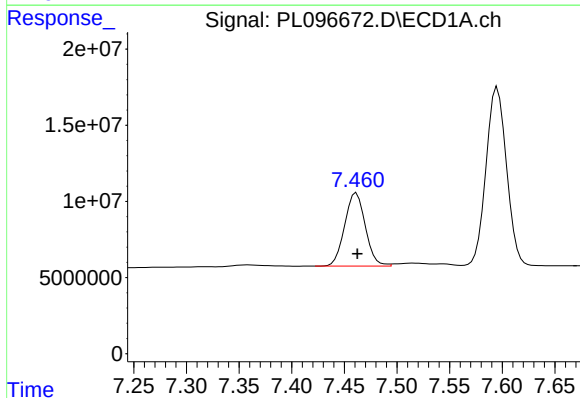
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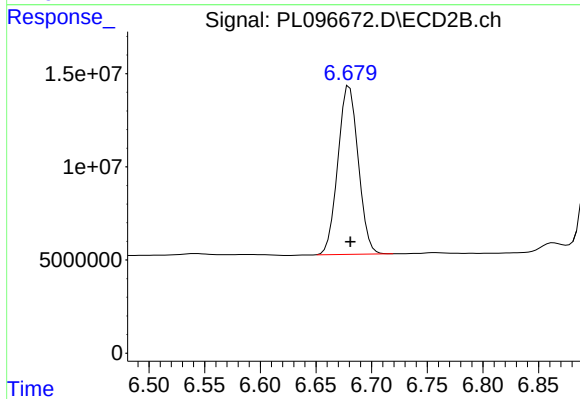
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 249160080
Conc: 48.99 ng/ml



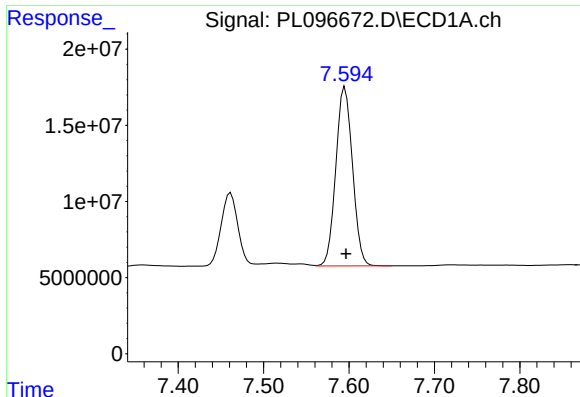
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 65833267
Conc: 44.83 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 115308362
Conc: 42.08 ng/ml



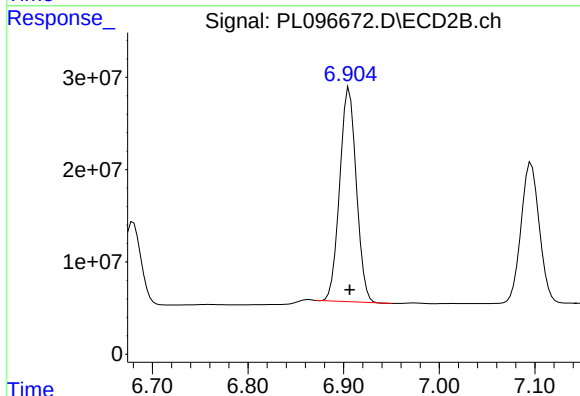
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: -0.001 min
Response: 159421109
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

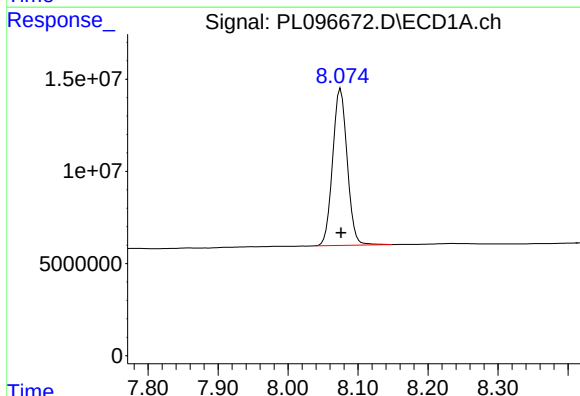
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Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



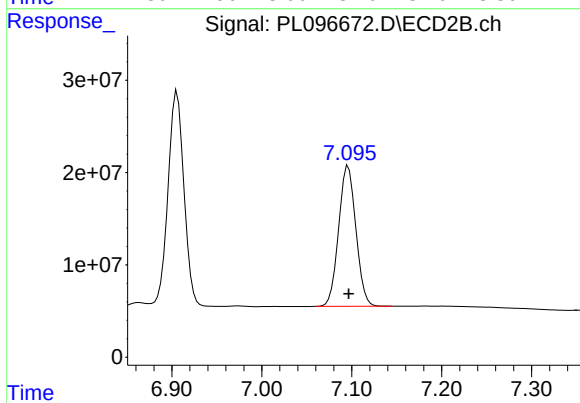
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 279726358
Conc: 50.22 ng/ml



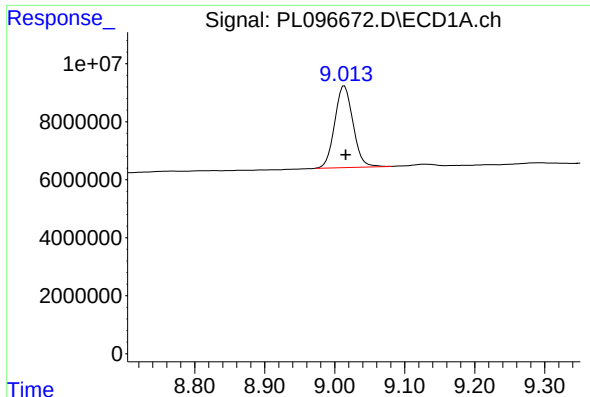
#22 Mirex

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 122753525
Conc: 49.51 ng/ml



#22 Mirex

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 203076192
Conc: 46.57 ng/ml



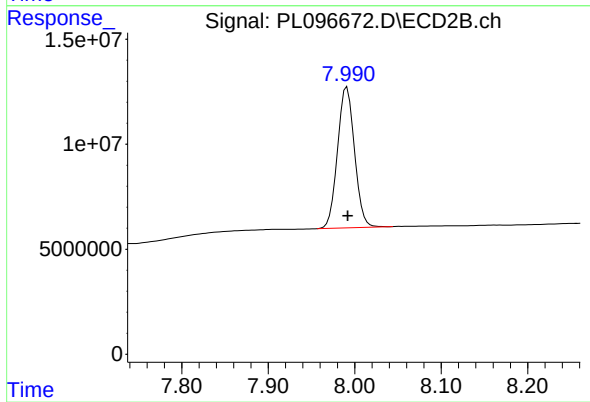
#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.002 min
Response: 51212950
Conc: 21.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169065BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 91150141
Conc: 21.01 ng/ml